

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-15 Cancel

16. (Currently amended) Contrast agent administration apparatus comprising a substantially linear tube with a non-circular internal cross-section, wherein the tube is twisted along the centerline axis of the tube.
17. (Currently amended) An apparatus as claimed in claim + 16, wherein the tube has an internal cross-section of 2-10 mm².
18. (Currently amended) An apparatus as claimed in claim + 16, wherein the tube has an external circular cross-section.
19. (Currently amended) An apparatus as claimed in claim + 16, wherein the tube has an oval cross-section.
20. (Currently amended) An apparatus as claimed in claim + 16, wherein the tube has a cross-section comprising 2-5 rounded lobes.
21. (Currently amended) An apparatus as claimed in claim + 16, wherein the tube is twisted at a constant pitch.
22. (Currently amended) An apparatus as claimed in claim + 16, wherein the tube is made of a material selected from Fluorplastic, Liquid-Crystal Polymer, Nylon, PEEK, Polycarbonate, Polyimide, Polypropylene, Polyurethane, PTFE, PVC, Silicone, Thermoplastic Elastomeric and Polyethylene.

23. (Currently amended) An apparatus as claimed in claim ~~in + 16~~ further comprising a concentric tube arrangement connected to one opening of the tube for introduction of a contrast agent into the centre of the tube.

24. (Currently amended) Apparatus as claimed in claim ~~+ 16~~ further comprising:

- i) a delivery device adapted to receive and deliver a dispersion,
- ii) an intravenous cannula.

25. (Currently amended) An apparatus as claimed in claim ~~8 23~~ further comprising a concentric tube arrangement connected to one opening of the tube and to the delivery device for introduction of a contrast agent into the centre of the tube, and wherein a second end of the tube is connected to the intravenous cannula.

26. (Currently amended) A method of manufacturing a substantially linear tube with a non-circular internal cross-section, wherein the tube is twisted along the centerline axis of the tube, by continuous extrusion by the following steps:

- i) introducing the tube material into an extruder comprising a nozzle having a configuration complying with the internal cross-section and a short section of the tube to be manufacturing,
- ii) setting the nozzle to rotate at a set speed.

27. (Currently amended) A method of administering a contrast agent to a subject using a substantially linear tube with a non-circular internal cross-section, wherein the tube is twisted along the centerline axis of the tube.

28. (Currently amended) A method as claimed in claim ~~+2 27~~ wherein the contrast agent is an ultrasound contrast agent comprising gas microbubbles and wherein the administration is by continuous infusion.

29. (Currently amended) A method as claimed in claims ~~40~~27 wherein the contrast agent is admixed with a flushing medium prior to administration to the subject.

30. (Currently amended) A method of administering a contrast agent to a subject using an apparatus as claimed in claim ~~8~~23.

31. (Currently amended) A method of administering a contrast agent to a subject using an apparatus as claimed in claim ~~9~~24.

32. (Currently amended) A method of administering a contrast agent to a subject using an apparatus as claimed in claim ~~10~~25.